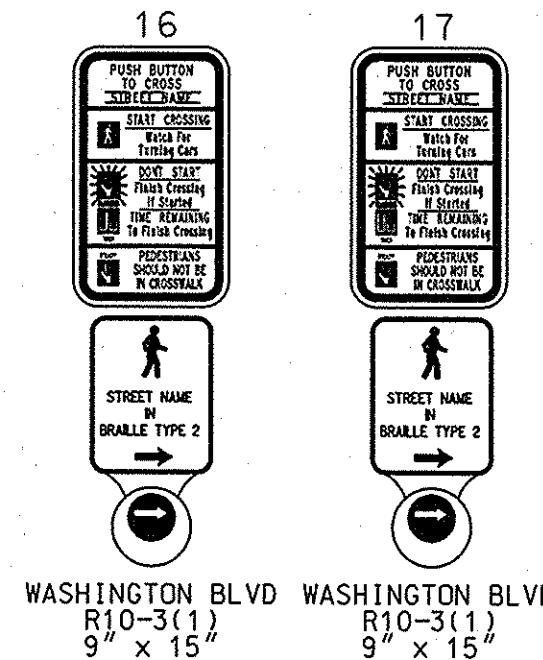
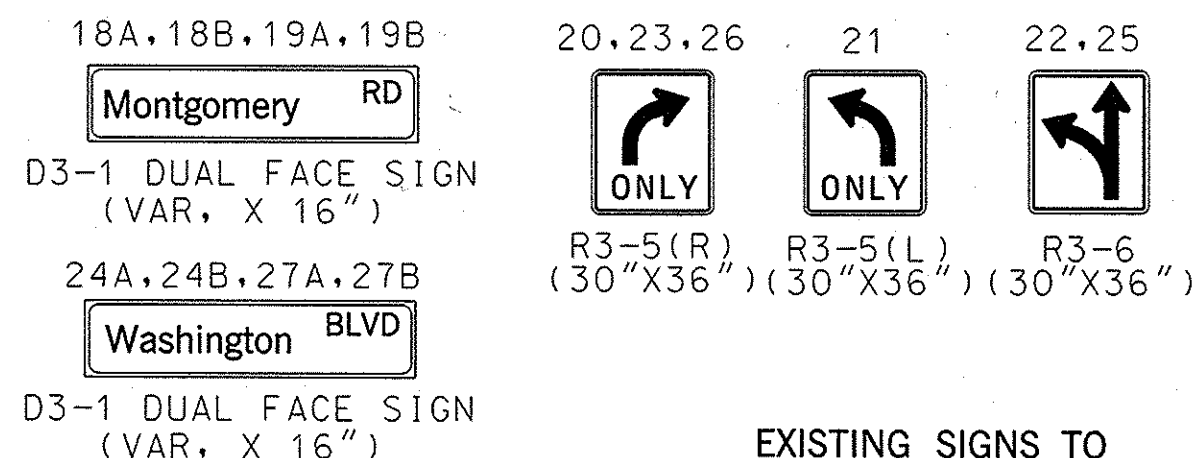


US 1 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

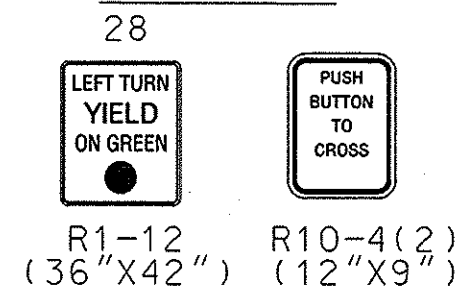
### PROPOSED ASSESSIBLE PUSHBUTTONS AND SIGNS



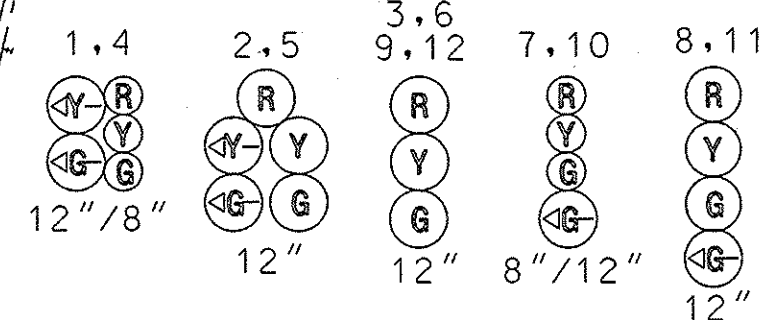
### EXISTING SIGNS



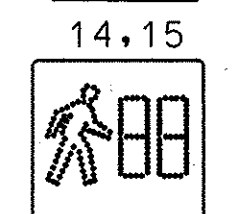
### EXISTING SIGNS TO BE REMOVED



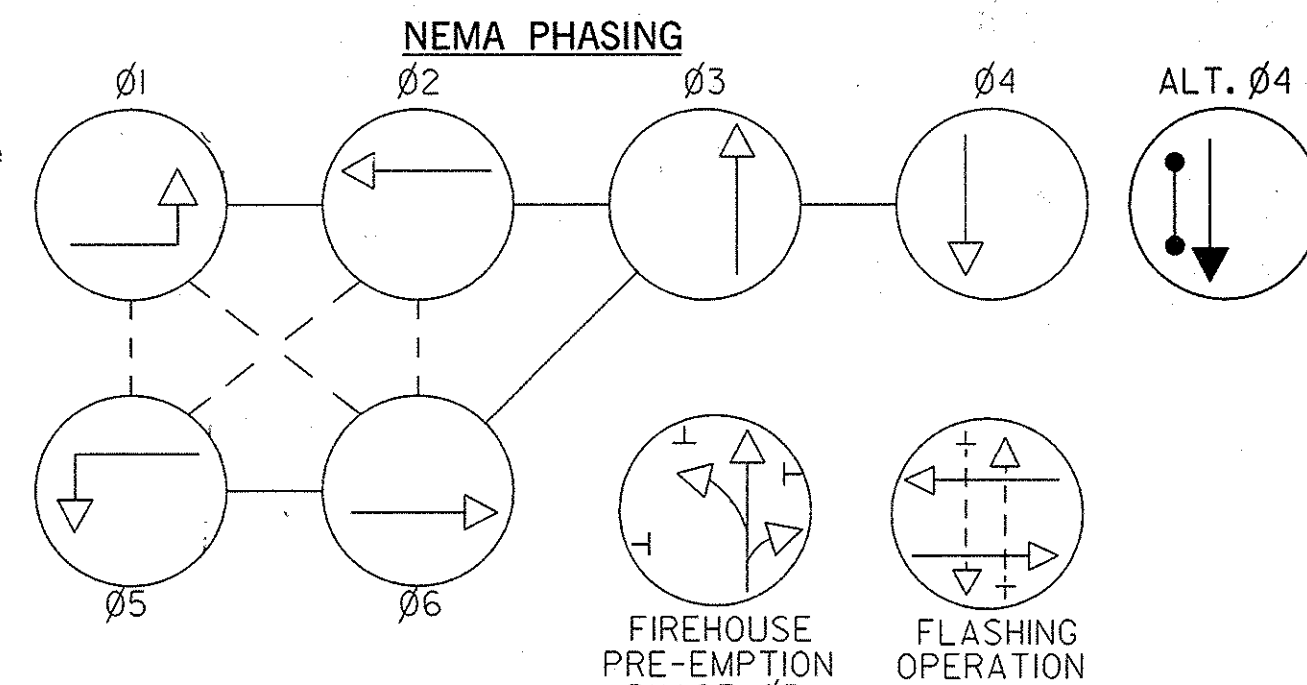
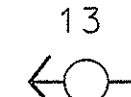
### EXISTING SIGNALS



### PROPOSED LED SIGNALS



### EXISTING VIDEO DETECTION CAMERA EXISTING OPTICOM



### US 1 (WASHINGTON BLVD)

### CONSTRUCTION DETAILS

- INSTALL 5 FT. BREAKAWAY PEDESTAL POLE WITH APS PUSHBUTTON AND RIO-3(I) SIGN (ORIENT SIGN PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE. PEDESTAL POLE FOUNDATION AND BREAKAWAY EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH SHA STANDARD MD 801.01-01.
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH LED PEDESTRIAN SIGNAL HEAD, APS PUSHBUTTON, AND RIO-3(I) SIGN (ORIENT SIGN PARALLEL TO CROSSWALK). NOTE: INSTALL 1-3 IN. CONDUIT BEND IN POLE BASE.
- INSTALL LED COUNTDOWN PEDESTRIAN SIGNAL HEAD ONTO EXISTING SIGNAL POLE.
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- INSTALL 12 INCH WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVMENT MARKING.
- REMOVE EXISTING PUSHBUTTON AND RIO-4 (2) SIGN FROM EXISTING SIGNAL POLE (PLUG UNUSED HOLES).
- REMOVE EXISTING PAVEMENT MARKINGS
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- USE EXISTING CABINET AND CONTROLLER.
- REMOVE OVERHEAD SIGN FROM MAST ARM.

FOR GENERAL NOTES SEE  
GENERAL INFORMATION  
SHEET SG-02

### SPECIAL NOTES

- FOR LOCATION AND MD STANDARD OF SIDEWALK RAMPS REFER TO THE ROADWAY PLANS.
- ALL SIGNAL WORK SHALL BE COORDINATED WITH ROADWAY PLANS. SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO FINAL SIDEWALK RAMP IMPROVEMENTS.

CONSTRUCTION CONTRACT  
NO. HQ414A59

**RK & K**  
**RUMMEL, KLEPPER  
& KAHL, LLP**  
CONSULTING ENGINEERS  
81 MOSHER STREET  
BALTIMORE, MARYLAND 21217  
TELE: (410) 728-2900 FAX: (410) 383-3270

APPROVALS  
TEAM LEADER  
ASST. DIV. CHIEF  
DIVISION CHIEF  
OFFICE DIRECTOR

REVISIONS  
H 4-2008 INSTALLED APS PUSHBUTTONS AND COUNTDOWN PED. INDICATIONS CONTRACT NO. A33755133  
MLH SDY 10/1/08 10/1/08  
G ADDED OPTICOM TO WB MONTGOMERY RD  
07/1998  
WM AS-BUILT  
F SHA CONTRACT NO. AW-794-501-785  
MAY 1996

<b>SHA</b> STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION <b>US 1 (WASHINGTON BLVD) AND MONTGOMERY ROAD</b> ELK RIDGE, MARYLAND	
TRAFFIC SIGNAL PLAN	
SCALE 1" = 20'	DATE _____ CONTRACT NO. <b>AW456- 785</b>
DESIGNED BY T. MARK	COUNTY HOWARD
DRAWN BY _____	LOGMILE 13000109.61
CHECKED BY _____	TIMS NO. 1935
FAP NO. _____	TOD NO. _____
TS NO. TS-452 H	DRAWING SG-01 OF 02
SHEET NO. 29 OF 30	